1/4

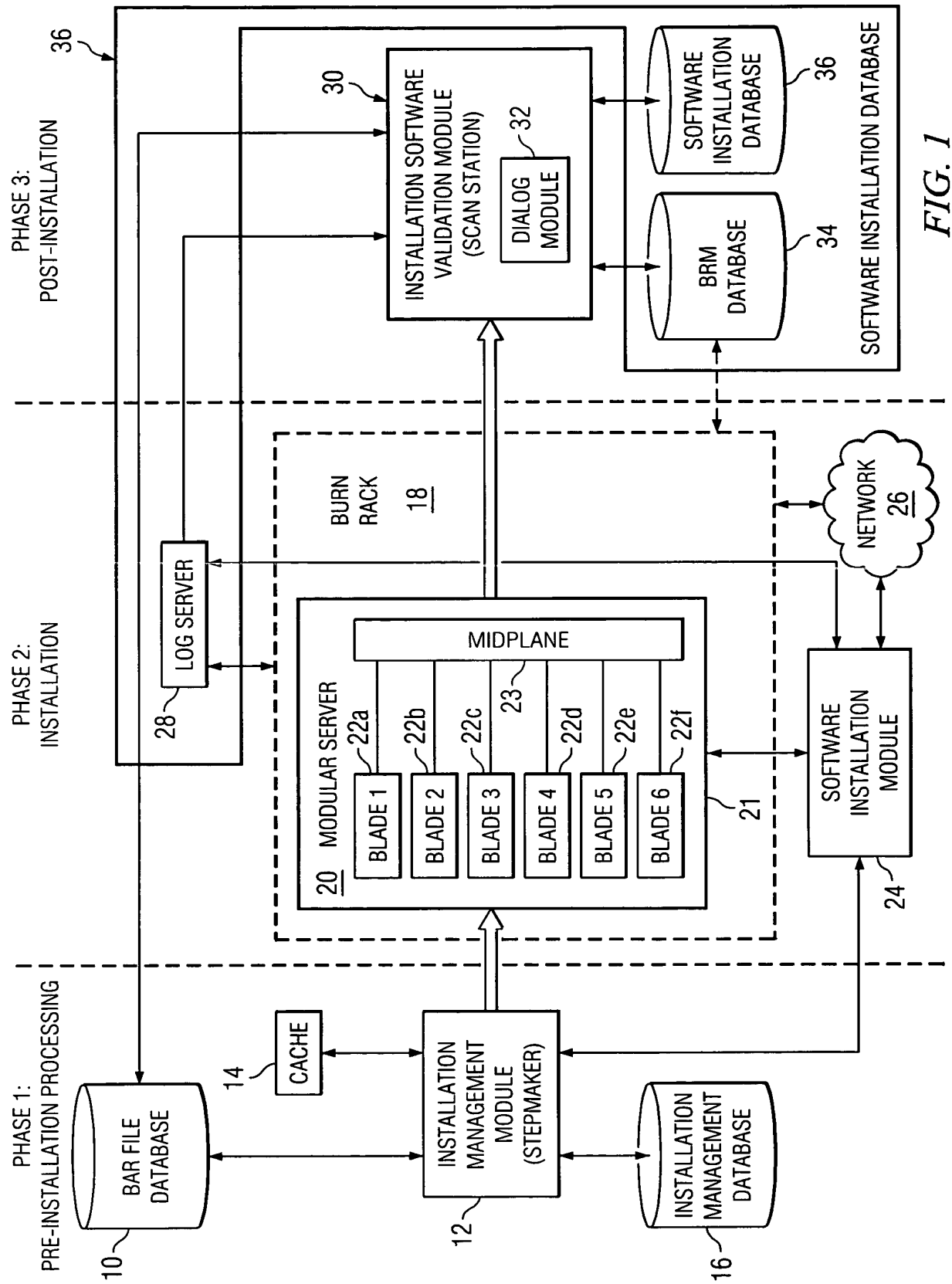
PHASE 1: PRE-INSTALLATION PROCESSING
PHASE 2: INSTALLATION
PHASE 3: POST-INSTALLATION
36
SOFTWARE INSTALLATION DATABASE
30
INSTALLATION SOFTWARE VALIDATION MODULE (SCAN STATION)
32
DIALOG MODULE
SOFTWARE INSTALLATION DATABASE
36
BRM DATABASE
34
BURN RACK 18
NETWORK 26
LOG SERVER
28
MODULAR SERVER
20
MIDPLANE
23
BLADE 1
BLADE 2
BLADE 3
BLADE 4
BLADE 5
BLADE 6
22a
22b
22c
22d
22e
22f
21
SOFTWARE INSTALLATION MODULE
24
CACHE
14
INSTALLATION MANAGEMENT MODULE (STEPMAKER)
12
BAR FILE DATABASE
10
INSTALLATION MANAGEMENT DATABASE
16

FIG. 1

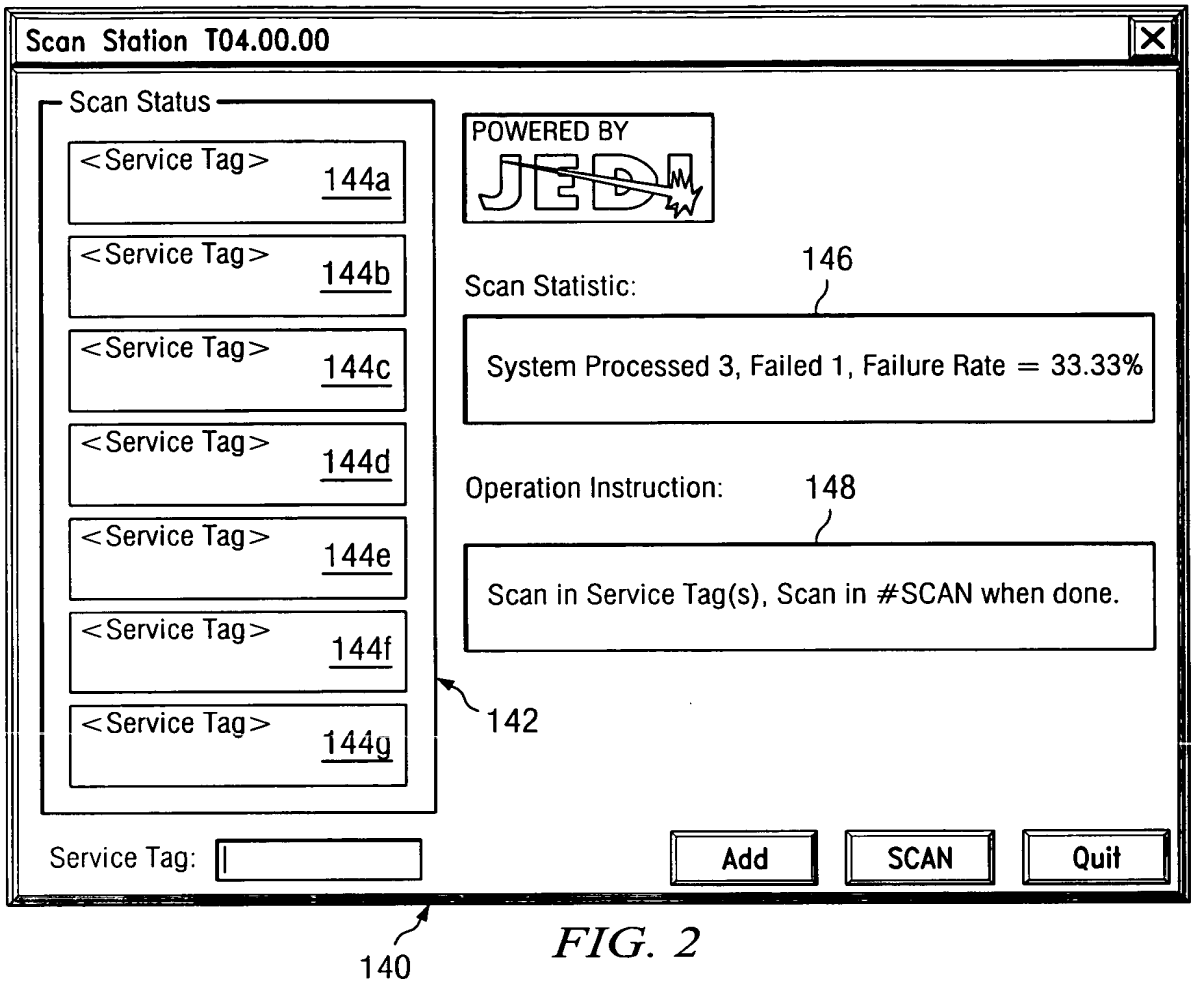
Scan Station T04.00.00
Scan Status
<Service Tag> 144a
<Service Tag> 144b
<Service Tag> 144c
<Service Tag> 144d
<Service Tag> 144e
<Service Tag> 144f
<Service Tag> 144g
142
POWERED BY
JEDI
Scan Statistic:
146
System Processed 3, Failed 1, Failure Rate = 33.33%
Operation Instruction:
148
Scan in Service Tag(s), Scan in #SCAN when done.
Service Tag:
Add
SCAN
Quit
140

FIG. 2

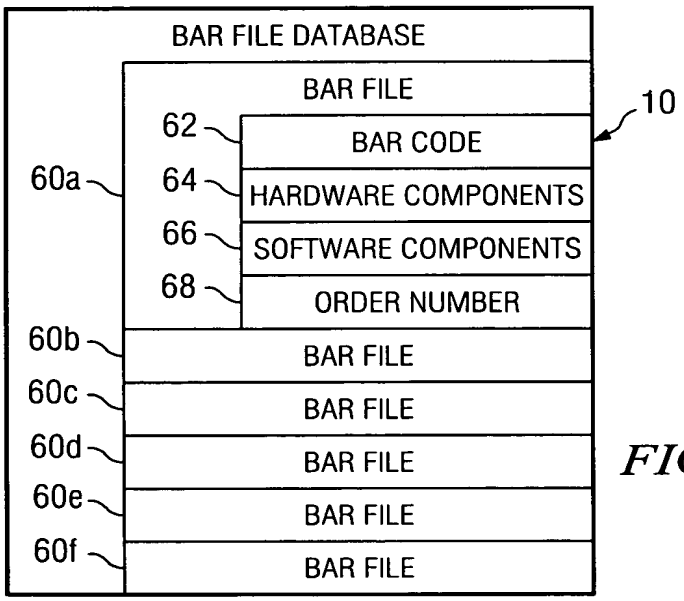
BAR FILE DATABASE
BAR FILE
10
62
BAR CODE
60a
64
HARDWARE COMPONENTS
66
SOFTWARE COMPONENTS
68
ORDER NUMBER
60b
BAR FILE
60c
BAR FILE
60d
BAR FILE
60e
BAR FILE
60f
BAR FILE

FIG. 4

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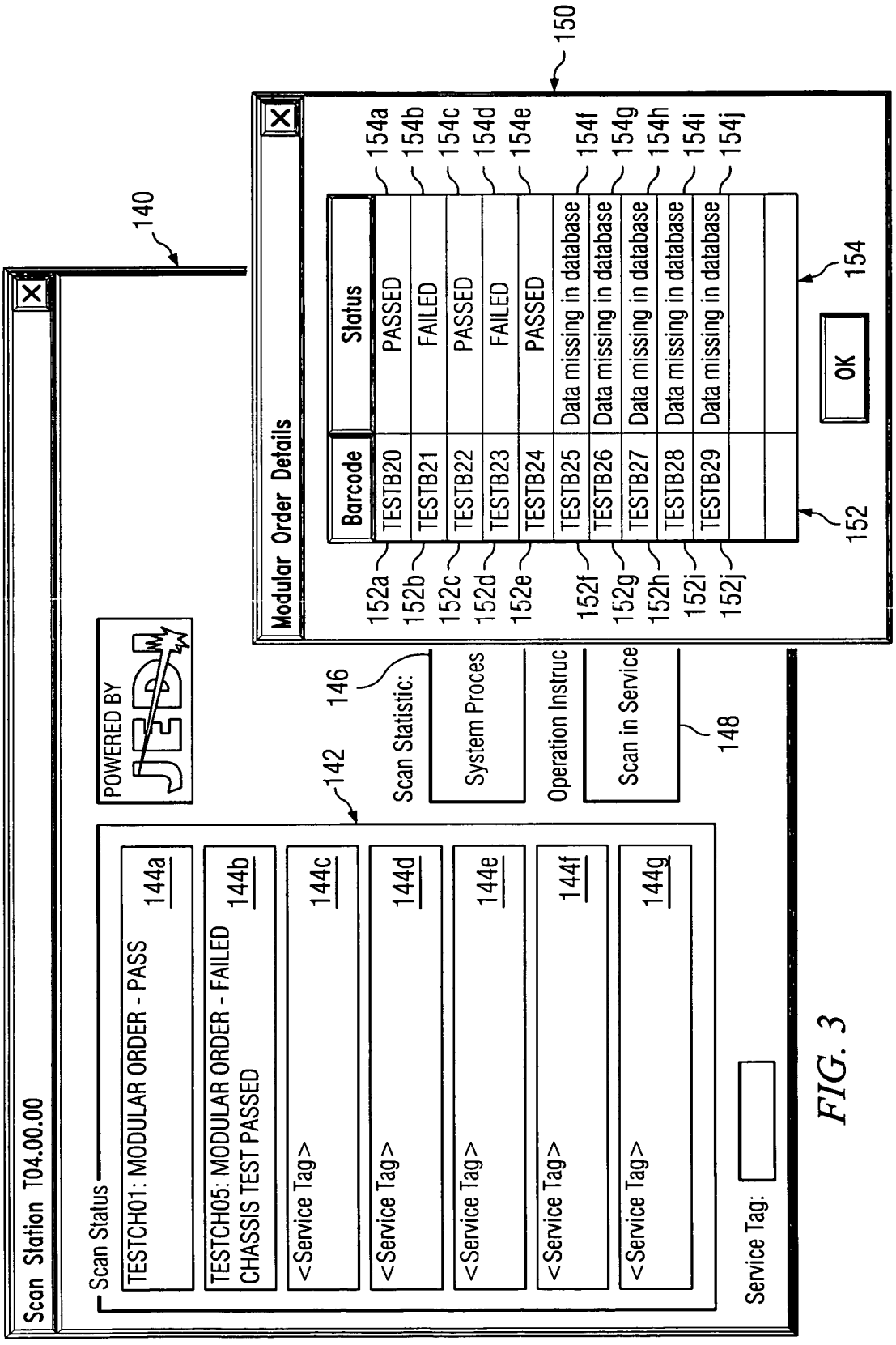
150
140
Modular Order Details
Barcode
Status
154a
154b
154c
154d
154e
154f
154g
154h
154i
154j
TESTB20
PASSED
TESTB21
FAILED
TESTB22
PASSED
TESTB23
FAILED
TESTB24
PASSED
TESTB25
Data missing in database
TESTB26
Data missing in database
TESTB27
Data missing in database
TESTB28
Data missing in database
TESTB29
Data missing in database
152a
152b
152c
152d
152e
152f
152g
152h
152i
152j
152
154
OK
Scan Station T04.00.00
POWERED BY
146
Scan Statistic:
System Proces
Operation Instruc
Scan in Service
148
142
Scan Status
TESTCH01: MODULAR ORDER - PASS
144a
TESTCH05: MODULAR ORDER - FAILED
CHASSIS TEST PASSED
144b
<Service Tag>
144c
<Service Tag>
144d
<Service Tag>
144e
<Service Tag>
144f
<Service Tag>
144g
Service Tag:

FIG. 3

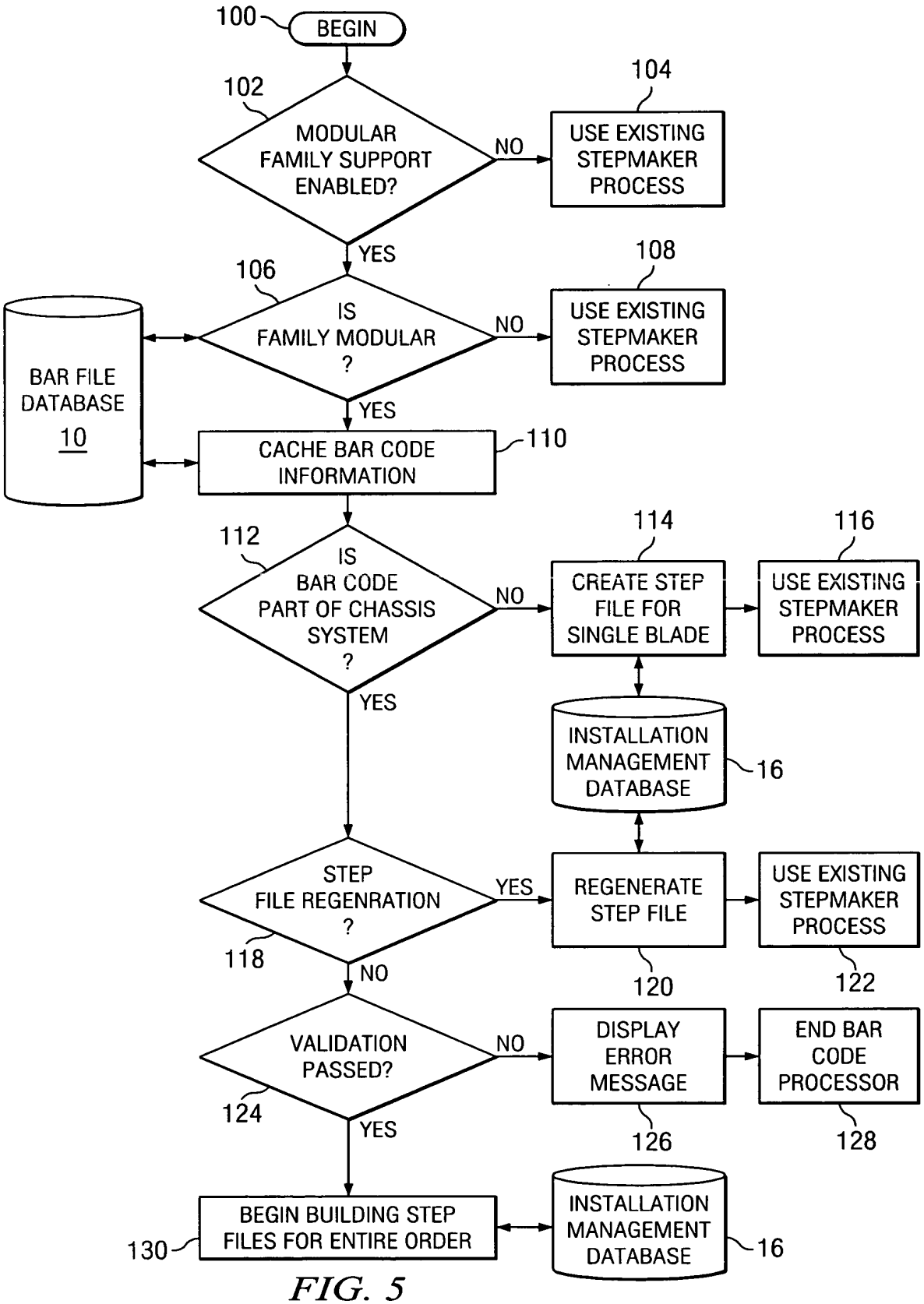
100
BEGIN
102
MODULAR FAMILY SUPPORT ENABLED?
NO
104
USE EXISTING STEPMAKER PROCESS
YES
106
IS FAMILY MODULAR ?
NO
108
USE EXISTING STEPMAKER PROCESS
YES
BAR FILE DATABASE 10
CACHE BAR CODE INFORMATION
110
112
IS BAR CODE PART OF CHASSIS SYSTEM ?
NO
114
CREATE STEP FILE FOR SINGLE BLADE
116
USE EXISTING STEPMAKER PROCESS
YES
INSTALLATION MANAGEMENT DATABASE
16
STEP FILE REGENRATION ?
YES
REGENERATE STEP FILE
USE EXISTING STEPMAKER PROCESS
118
NO
120
122
VALIDATION PASSED?
NO
DISPLAY ERROR MESSAGE
END BAR CODE PROCESSOR
124
YES
126
128
BEGIN BUILDING STEP FILES FOR ENTIRE ORDER
INSTALLATION MANAGEMENT DATABASE
16
130

FIG. 5